

Title (en)

SATELLITE BROADCASTING RECEIVER

Publication

**EP 0073511 B1 19920617 (EN)**

Application

**EP 82107966 A 19820830**

Priority

- JP 13644181 A 19810831
- JP 15436381 A 19810929

Abstract (en)

[origin: EP0073511A2] A compact satellite broadcasting receiver is described comprising circular waveguide, a strip-line-shaped probe projected into the circular waveguide, a reflecting element provided backward from the probe in the circular waveguide and a microwave circuit having a strip line provided around the circular waveguide and connected with the probe. Furthermore, a satellite broadcasting receiver capable of simultaneously receiving two kind of microwaves polarized perpendicular to each other is realized by jointing two compact satellite broadcasting receivers as mentioned above with a relative arrangement of the strip-line-shaped probes placed at right angles.

IPC 1-7

**H01P 1/16**; **H01Q 1/24**

IPC 8 full level

**H01P 1/16** (2006.01); **H01Q 1/24** (2006.01); **H01Q 13/02** (2006.01)

CPC (source: EP US)

**H01P 1/16** (2013.01 - EP US); **H01Q 1/247** (2013.01 - EP US); **H01Q 13/0258** (2013.01 - EP US)

Citation (examination)

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- US 3832717 A 19740827 - TAGGART R
- US 2691731 A 19541012 - MILLER COLEMAN J
- US 3732508 A 19730508 - ITO Y, et al
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Designated contracting state (EPC)

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**EP 0073511 A2 19830309**; **EP 0073511 A3 19850522**; **EP 0073511 B1 19920617**; AU 565711 B2 19870924; AU 8786482 A 19830310; CA 1197611 A 19851203; DE 3280404 D1 19920723; DE 3280404 T2 19930128; US 4596047 A 19860617

DOCDB simple family (application)

**EP 82107966 A 19820830**; AU 8786482 A 19820831; CA 410388 A 19820830; DE 3280404 T 19820830; US 41178682 A 19820826